.:: JENNINGS SCALE CJ-600 MANUAL ::.

PLEASE READ COMPLETE INSTRUCTIONS BEFORE USE.

Thank you for purchasing the Jennings CJ-600 scale. With nominal care and proper treatment, it will provide years of reliable service. Please read all operating instructions carefully. You can contact us at www.jscale.com.

KEEP THE FOLLOWING POINTS IN MIND:

- If the display becomes locked on Out2, please recalibrate the scale.
- Avoid lengthy exposure to extreme heat or cold. Your scale works best when operated at normal room temperature. **Always allow the unit to acclimate to a normal room temperature for at least one hour before use.**
- Allow sufficient warm-up time. Turn the scale on and wait several seconds to give the internal components a chance to stabilize before weighing.
- The cleaner the environment, the better. Dust, dirt, moisture, vibration, air currents, and proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.
- Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor and void your warranty.
- Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and MUST BE HANDLED WITH EXTREME CARE.
- **IMPORTANT ADVICE: Place the item to be weighed on the platform. After the stable weight is displayed, remove the item immediately. This will prolong the longevity and accuracy of this weighing instrument.**
- These electronic scales are precision instruments. Do not operate near an in-use cell phone, cordless phone, radio, computer, or other electronic device. These devices emit RF and can cause unstable scale readings. If your scale ever performs poorly, try moving the scale to a different room or location. This is a very precise scale — the display may seem to wander or jump when weighing. This is due to air currents or vibrations. Stable weighing is achieved when the display remains fixed for 3 seconds.

OPERATION

Battery Operation:

1. Three AAA size ALKALINE batteries are required.
2. To install batteries:
    a. Release the battery cover by sliding outwards.
    b. Place batteries into battery compartment. Align the batteries correctly.
    c. Replace the battery cover.
3. The scale is now ready for battery operation.

DO NOT USE EXCESSIVE FORCE AND DO NOT PRESS ON THE TRAY!

CALIBRATION (ADVANCED USERS ONLY)

IMPORTANT: This scale was professionally factory calibrated before shipment and does NOT need to be recalibrated by the end user. However, if you wish to recalibrate your scale, we provide these instructions for calibration:

Repeat calibration if the scale ever shows "Out2". Incorrect calibration can occur if you do not follow the steps exactly. If your scale does not perform accurately, please try replacing your batteries before you calibrate. You will need a 200-gram weight or set of weights to calibrate this scale.

NOTE: If you do not have access to a 200-gram weight, you can purchase one at your local store, or in emergency situations, you can use coins or weights (i.e., 40 US nickels = 200g) as a 200-gram weight.

1. Turn off the scale, and place it on a flat, very stable surface. Be certain the scale is off.
2. Press and hold the Z/T key for 5 seconds until a random large number appears on the display. Then release the key.
3. Press the Z/T key again. The display will show "2Ero" and then "200.0".
4. Gently place a 200-gram weight on the scale and wait 3 seconds.
5. Press the Z/T key. The display will show "CAL" and then "PASS" — calibration is complete.
6. Remove the weight and turn off the scale.

NOTE: If after calibration your scale does not read accurately, this indicates a calibration error, and the calibration process should be repeated more slowly. Please calibrate on a very stable, flat surface.

INACCURACY / ERROR

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload, or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. The scale is a precise instrument and must be handled with the upmost care and caution.

FEATURES

Power Up Segment Test

When first turning on the unit, all segments of the display will appear as shown: 1:8:8:8:8
This display will remain for approximately 2 seconds and then reset to 0.

Overload

When an applied load exceeds the 300g capacity, "EEEE" will appear on the display.
Remove the excessive load immediately!

Remember: You can permanently damage the scale by overloading it!

Negative Value

Any tarred value or a value left in memory will be displayed as a negative number once all weight is removed from the unit. Press the Z/T key to re-zero the unit.

Auto Off

An auto shut off feature is provided to conserve battery power. The unit will turn off automatically after approximately 2 minutes of inactivity.

KEYPAD FUNCTIONS

Mode

Press and release the **MODE** key once to change weight unit.
You can select g (grams), oz (ounces), dwt (pennyweight), or pes (parts counting).

On/Off

Press the **ON/OFF** key to turn on the unit. Once the unit is on, press and hold the same key to turn it off.

PCS (Count)

Sample sizes can be 10, 20, 50 or 100.

The following steps outline the procedure for cumulative weighing of samples:

1. Turn on the scale.
2. Use the "Mode" key to put the scale into "PCS" mode.
3. Now press the **PCS** key once. The display will show "S=10".
4. Put 10 pieces of samples on the platform.
5. Press the **MODE** key to lock in the weight.
6. The display will show "10", and the scale is ready for counting.

NOTE: You can choose the quantity of samples as 20pcs, 50pcs, or 100pcs by pressing the **PCS** key multiple times (instead of once). For 20pc counting, the display will show "S=20". Put 20pcs samples on the platform, and then press the **MODE** key. The display will show "20", and the scale is ready for counting. The same instructions can be applied to 50pcs counting and 100pcs counting.

Zero/Tare

Press the **Z/T** key to reset the scale to zero. This can be used for eliminating from a sample (or a tray/container) the weight value of a container. Weight is permanently removed for the rest of the procedure.

1. Just turn on the scale.
2. Place the tray or container on weighing platform.
3. Press the **Z/T** key. The scale will show "0.0" or "0.00" on the display.
4. You can now add items to the container or tray.

NOTE: When all weights are removed from the weighing tray, the tared value of the container will be displayed as a negative number. Cycle the power on the scale to reset the scale to zero.

Cover / Bowl

The CJ scale comes with a cover that also acts as a unique pouring bowl. Please keep your CJ scale covered at all times when not in use to protect it from damage.

AC Adapter

The CJ scale can be operated on AC power with a standard 4.5-volt AC adapter. Use the correct AC adapter for this scale. An incorrect power AC adapter can cause damage to the scale and possible fire or injury.

Weighmeter™

On the side of the display, you will notice a series of bars that increase as the load on the scale increases. This is our Weighmeter™ invention. It helps you know the remaining capacity on the scale and also will indicate an overload if one occurs. Please use the Weighmeter™ to monitor your weighing loads, and please do not overload this scale.